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May 19, 1999

EXPRESS MAIL NO. EJ455653949US

Assistant Commissioner for Patents
Washington, DC 20231
Box Patent Application

TRANSMITTAL LETTER
SMALL ENTITY APPLICATION

Dear Sir:

Please find enclosed a patent application as follows:

Applicant(s): Robert S. Langer, Scott M. Cannizzaro, Bernhard G. Mueller and Kevin Shakesheff

Title: Modification of Surfaces Using Biological Recognition Events

Number of Pages for: Specification: 19; Claims: 9; Sheets Dwgs.: 5; No. Pages Abstract: 1;
Unexecuted Formal Papers: Combined Declaration and Power of Attorney, Small Entity Statement,
and Assignment;

Basic Fee:		\$380.00
Additional Fees:		
Total Number of Claims in excess of 20 times \$9:	12-20=	.00
Number of independent claims minus 3 times \$39:	7-3=4	156.00
Multiple Dependent Claims (\$130):		<u>130.00</u>
Total Filing Fee		\$1,125.00

Enclosed please find a check in the amount of \$1,125.00 to cover the appropriate filing fees. Additionally, please charge any further fees, or credit any overpayments, to our Deposit Account No. 03-1721.

If this application is found otherwise to be INCOMPLETE, or if at any time it appears that a TELEPHONE CONFERENCE with counsel would helpfully advance prosecution, please telephone the undersigned at any time.

[illegible]

ATTORNEY DOCKET NO.: 0492611-0335 (MIT 8070)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Langer et al.
Serial No.:
Filed: May 19, 1999
For: MODIFICATION OF SURFACES USING BIOLOGICAL RECOGNITION
EVENTS

VERIFIED STATEMENT (DECLARATION)
CLAIMING SMALL ENTITY STATUS
37 CFR 1.9(f) and 1.27(d)
NON-PROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the non-profit organization identified below:

NAME OF ORGANIZATION: Massachusetts Institute of Technology
ADDRESS OF ORGANIZATION: 77 Massachusetts Avenue, Cambridge, MA 02138

TYPE OF ORGANIZATION:

- ☒ University or other organization of higher education
- ☐ Non-profit scientific or educational organization under a statute of a state of the United States of America
NAME OF STATE: _____
CITATION OF STATUTE: _____
- ☐ Would qualify as tax exempt under the Internal Revenue Service Code (26 USC 501(a) and 501(c) (3) if the organization were located in the United States of America
- ☐ Tax exempt under the Internal Revenue Service Code (26 USC 501(a) and 501(c) (3).
- ☐ Would qualify as a non-profit scientific or educational organization under a statute of a state of the United States of America
NAME OF STATE: _____
CITATION OF STATUTE: _____

I hereby declare that the above-identified non-profit organization qualifies as a non-profit organization as defined in 37 CFR 1.9(e), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code.

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

by:

described in:

- If the rights of the above-identified non-profit organization are not exclusive, each individual, concern, or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor(s), who could not qualify as a small business concern under 37 CFR 1.9(d) or a non-profit organization under 37 CFR 1.9(e).

FULL NAME: _____
 ADDRESS: _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NON-PROFIT ORGANIZATION

FULL NAME: _____
 ADDRESS: _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NON-PROFIT ORGANIZATION

FULL NAME: _____
 ADDRESS: _____
☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NON-PROFIT ORGANIZATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these

[illegible]

Jarmila Z. Hrbek

Patent Administrator and Office Manager

Massachusetts Institute of Technology

Technology Licensing Office

5 Cambridge Center, Kendall Square

Room NE25-230

Cambridge, MA 02142

DATE:

Exchange.3009685.1

JOINT

**APPLICATION
FOR
UNITED STATES LETTER PATENT**

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

BE IT KNOWN, that We, Robert S. Langer, Scott M. Cannizzaro, Bernhard G. Mueller and Kevin Shakesheff invented certain new and useful improvements in Modifications of Surfaces Using Biological Recognition Events of which the following is a specification:

\\Exchange.3009706.1

Express Mail No. EE776166698US